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c3 Also, the figure 2 was cited from "High Resolution Transmission Molecular Absorption Data Base" issued by Air Force Geophysics Laboratory of U.S.A. in 1986.

In the Claims

Please amend claims 7-10 to read as follows.

7.(AMENDED) The spectroscopic method for analyzing isotopes according to claim 3, wherein said isotopes of carbon dioxide gas as sample gas are  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$ ; and said  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  have pairs of following wavelengths  
(a wavelength of isotope  $^{12}\text{CO}_2(\text{nm})$ ):(a wavelength of isotope  $^{13}\text{CO}_2(\text{nm})$ )

2054.37 : 2053.96  
2044 : 2044.49  
2035.34 : 2035.63  
2010.18 : 2010.29  
2002.51 : 2002.54  
1995.99 : 1996.10

and a abundance ratio is measured by an absorbance in accordance with said a respective pair of wavelengths.

8.(AMENDED) The spectroscopic method for analyzing isotopes according to claim 4, wherein

said isotopes of carbon dioxide gas as sample gas are  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$ ; and

said  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  have pairs of following wavelengths

(a wavelength of isotope  $^{12}\text{CO}_2(\text{nm})$ ):(a wavelength of isotope  $^{13}\text{CO}_2(\text{nm})$ )

2054.37 : 2053.96  
2044 : 2044.49

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|         |         |
|---------|---------|
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and a abundance ratio is measured by an absorbance in accordance with said a respective pair of wavelengths.

9.(AMENDED) The spectroscopic method for analysing isotopes according to claim 5, wherein said isotopes of carbon dioxide gas as sample gas are  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$ ; and said  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  have pairs of following wavelengths  
(a wavelength of isotope  $^{12}\text{CO}_2(\text{nm})$ ):(a wavelength of isotope  $^{13}\text{CO}_2(\text{nm})$ )

C4

|         |         |
|---------|---------|
| 2054.37 | 2053.96 |
| 2044    | 2044.49 |
| 2035.34 | 2035.63 |
| 2010.18 | 2010.29 |
| 2002.51 | 2002.54 |
| 1995.99 | 1996.10 |

and a abundance ratio is measured by an absorbance in accordance with said a respective pair of wavelengths.

10.(AMENDED) The spectroscopic method for analyzing isotopes according to claim 6, wherein

said isotopes of carbon dioxide gas as sample gas are  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$ ; and said  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  have pairs of following wavelengths  
(a wavelength of isotope  $^{12}\text{CO}_2(\text{nm})$ ):(a wavelength of isotope  $^{13}\text{CO}_2(\text{nm})$ )

|         |         |
|---------|---------|
| 2054.37 | 2053.96 |
| 2044    | 2044.49 |
| 2035.34 | 2035.63 |
| 2010.18 | 2010.29 |
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